



041404

17236 U.S. PTO

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PTO/SB/05 (05-03)
Approved for use through 04/30/2003. OMB 0651-0032

U.S. Patent and Trademark Office. U.S. DEPARTMENT OF COMMERCE

**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

Attorney Docket No. 03797.00769

First Inventor Ramesh Rajagopal

Title TYPE SYSTEM

Express Mail Label No. EV306400203US

22386 U.S. PTO
107824253

041404

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 15]
(preferred arrangement set forth below)
- Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the invention
 - Brief Summary of the invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 10]
☒ Formal ☐ Informal
5. Oath or Declaration [Total Sheets]
a. ☒ Newly executed (original or copy)
b. ☐ Copy from a prior application (37 CFR 1.63 (d))
(for a continuation/divisional with Box 18 completed)
i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s)
named in the prior application, see 37 CFR
1.63(d)(2) and 1.33(b).
6. ☒ Application Data Sheet. See 37 CFR 1.76

ADDRESS TO:Commissioner for Patents
Mail Stop Patent Application
P.O. Box 1450
Alexandria VA 22313-1450

7. ☐ CD-ROM or CD-R in duplicate, large table or
Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
- a. ☐ Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. ☐ CD-ROM or CD-R (2 copies); or
 - ii. ☐ paper
 - c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATIONS PARTS

9. ☒ Assignment Papers (cover sheet & document(s))
10. ☐ 37 C.F.R. 3.73(b) Statement ☐ Power of
(when there is an assignee) Attorney
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure ☐ Copies of IDS
Statement (IDS)/PTO-1449 Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. ☐ Nonpublication Request under 35 U.S.C. 122
(b)(2)(B)(i). Applicant must attach form PTO/SB/35
or its equivalent.
17. ☐ Other: _____

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment,
or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

of prior application No: ____ / ____

Prior application information: Examiner _____

Art Unit: _____

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied
under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference.
The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS☐ Customer Number or Bar Code Label

28319

(Insert Customer No. or Attach bar code label here)

or ☐ Correspondence address below

Name

Address

City

State

Zip Code

Country

Telephone

Fax

Name (Print/Type)

William J. Allen

Registration No. (Attorney/Agent)

51,393

Signature

W. J. Allen

51,393

Date

April 14, 2004

This collection of information is required by 37 CFR 1.63(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

<h1 style="margin: 0;">FEE TRANSMITTAL</h1> <h2 style="margin: 0;">for FY 2004</h2> <p style="font-size: small; margin: 5px 0;">Effective 10/01/2003. Patent fees are subject to annual revision.</p>		<p>Complete if Known</p>	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Application Number	T/B/D
<p>TOTAL AMOUNT OF PAYMENT (\$) 810</p>		Filing Date	T/B/D
		First Named Inventor	Ramesh Rajagopal
		Examiner Name	T/B/D
		Art Unit	T/B/D
		Attorney Docket No.	03797.00769

<p>METHOD OF PAYMENT (check all that apply)</p> <p> <input type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money <input type="checkbox"/> Other <input type="checkbox"/> None Order </p> <p> <input checked="" type="checkbox"/> Deposit Account: </p> <div style="margin-top: 10px;"> Deposit Account Number: 19-0733 </div> <div style="margin-top: 10px;"> Deposit Account Name: Banner & Witcoff, LTD. </div> <p style="font-size: x-small;">The Director is authorized to: (check all that apply)</p> <p> <input checked="" type="checkbox"/> Charge fee(s) indicated below <input checked="" type="checkbox"/> Credit any overpayments <input checked="" type="checkbox"/> Charge any additional fee(s) during the pendency of this application <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account. </p> <p style="text-align: center; font-weight: bold;">FEE CALCULATION</p> <div style="border: 1px solid black; padding: 5px;"> <p>1. BASIC FILING FEE</p> <table style="width: 100%; font-size: x-small;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr> <td>1001</td> <td>770</td> <td>2001</td> <td>385</td> <td>Utility filing fee</td> <td style="border: 1px solid black; text-align: center;">770</td> </tr> <tr> <td>1002</td> <td>340</td> <td>2002</td> <td>170</td> <td>Design filing fee</td> <td style="border: 1px solid black; text-align: center;"></td> </tr> <tr> <td>1003</td> <td>530</td> <td>2003</td> <td>265</td> <td>Plant filing fee</td> <td style="border: 1px solid black; text-align: center;"></td> </tr> <tr> <td>1004</td> <td>770</td> <td>2004</td> <td>385</td> <td>Reissue filing fee</td> <td style="border: 1px solid black; text-align: center;"></td> </tr> <tr> <td>1005</td> <td>160</td> <td>2005</td> <td>80</td> <td>Provisional filing fee</td> <td style="border: 1px solid black; text-align: center;"></td> </tr> <tr> <td colspan="5" style="text-align: right;">SUBTOTAL (1)</td> <td style="border: 1px solid black; text-align: center;">(\$) 770</td> </tr> </tbody> </table> </div> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p>2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE</p> <table style="width: 100%; font-size: x-small;"> <tr> <td>Total Claims</td> <td style="border: 1px solid black; text-align: center;">18</td> <td>-20 **</td> <td>=</td> <td style="border: 1px solid black; text-align: center;">0</td> <td>X</td> <td style="border: 1px solid black; text-align: center;">18</td> <td>=</td> <td style="border: 1px solid black; text-align: center;">0</td> </tr> <tr> <td>Independent Claims</td> <td style="border: 1px solid black; text-align: center;">3</td> <td>-3 **</td> <td>=</td> <td style="border: 1px solid black; text-align: center;">0</td> <td>X</td> <td style="border: 1px solid black; text-align: center;">86</td> <td>=</td> <td style="border: 1px solid black; text-align: center;">0</td> </tr> <tr> <td>Multiple Dependent</td> <td></td> <td></td> <td></td> <td></td> <td>X</td> <td style="border: 1px solid black; text-align: center;">290</td> <td>=</td> <td style="border: 1px solid black; text-align: center;">0</td> </tr> </table> <div style="margin-top: 10px;"> <table style="width: 100%; font-size: x-small;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr> <td>1202</td> <td>18</td> <td>2202</td> <td>9</td> <td>Claims in excess of 20</td> <td></td> </tr> <tr> <td>1201</td> <td>86</td> <td>2201</td> <td>43</td> <td>Independent claims in excess of 3</td> <td></td> </tr> <tr> <td>1203</td> <td>290</td> <td>2203</td> <td>145</td> <td>Multiple dependent claim, if not paid</td> <td></td> </tr> <tr> <td>1204</td> <td>86</td> <td>2204</td> <td>43</td> <td>** Reissue independent claims over original patent</td> <td></td> </tr> <tr> <td>1205</td> <td>18</td> <td>2205</td> <td>9</td> <td>** Reissue claims in excess of 20 and over original patent</td> <td></td> </tr> <tr> <td colspan="5" style="text-align: right;">SUBTOTAL (2)</td> <td style="border: 1px solid black; text-align: center;">(\$) 0</td> </tr> </tbody> </table> </div> </div>	Large Entity		Small Entity		Fee Description	Fee Paid	Fee Code	Fee (\$)	Fee Code	Fee (\$)	1001	770	2001	385	Utility filing fee	770	1002	340	2002	170	Design filing fee		1003	530	2003	265	Plant filing fee		1004	770	2004	385	Reissue filing fee		1005	160	2005	80	Provisional filing fee		SUBTOTAL (1)					(\$) 770	Total Claims	18	-20 **	=	0	X	18	=	0	Independent Claims	3	-3 **	=	0	X	86	=	0	Multiple Dependent					X	290	=	0	Large Entity		Small Entity		Fee Description	Fee Paid	Fee Code	Fee (\$)	Fee Code	Fee (\$)	1202	18	2202	9	Claims in excess of 20		1201	86	2201	43	Independent claims in excess of 3		1203	290	2203	145	Multiple dependent claim, if not paid		1204	86	2204	43	** Reissue independent claims over original patent		1205	18	2205	9	** Reissue claims in excess of 20 and over original patent		SUBTOTAL (2)					(\$) 0	<p>3. 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1403	290	2403	145	Request for oral hearing																																																																																																																																																																																																																																																																																																																		
1451	1,510	1451	1,510	Petition to institute a public use proceeding																																																																																																																																																																																																																																																																																																																		
1452	110	2452	55	Petition to revive - unavoidable																																																																																																																																																																																																																																																																																																																		
1453	1,330	2453	665	Petition to revive - unintentional																																																																																																																																																																																																																																																																																																																		
1501	1,330	2501	665	Utility issue fee (or reissue)																																																																																																																																																																																																																																																																																																																		
1502	480	2502	240	Design issue fee																																																																																																																																																																																																																																																																																																																		
1503	640	2503	320	Plant issue fee																																																																																																																																																																																																																																																																																																																		
1460	130	1460	130	Petitions to the Commissioner																																																																																																																																																																																																																																																																																																																		
1807	50	1807	50	Processing fee under 37 CFR 1.17 (q)																																																																																																																																																																																																																																																																																																																		
1806	180	1806	180	Submission of Information Disclosure Stmt																																																																																																																																																																																																																																																																																																																		
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	40.00																																																																																																																																																																																																																																																																																																																	
1809	770	2809	385	Filing a submission after final rejection (37 CFR § 1.129(a))																																																																																																																																																																																																																																																																																																																		
1810	770	2810	385	For each additional invention to be examined (37 CFR § 1.129(b))																																																																																																																																																																																																																																																																																																																		
1801	770	2801	385	Request for Continued Examination (RCE)																																																																																																																																																																																																																																																																																																																		
1802	900	1802	900	Request for expedited examination of a design application																																																																																																																																																																																																																																																																																																																		
Other fee (specify) _____																																																																																																																																																																																																																																																																																																																						
*Reduced by Basic Filing Fee Paid					SUBTOTAL (3) (\$) 40																																																																																																																																																																																																																																																																																																																	

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<p>SUBMITTED BY</p>				<p>Complete (if applicable)</p>	
Name (Print/Type)	William J. Allen	Registration No. (Attorney/Agent)	51,393	Telephone	(312) 463-5000
Signature				Date	April 14, 2004

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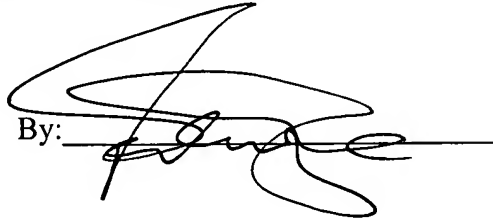
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By: 

In the Application of Ramesh Rajagopal, et al

Serial No.: T/B/D

Filing Date: T/B/D

Title: TYPE SYSTEM

- X Patent Utility transmittal form (1 page)
- X Fee transmittal form and duplicate (1 page)
- X Application Data Sheet (3 pages)
- X Specification (15 pages)
- X Drawings- Figures 1-10 (10 pages)
- X Declaration and Power of Attorney (2 pages)
- X Assignment Recordation Coversheet (1 page)
- X Executed Assignment (2 pages)
- X Return receipt postcard

Attorney Docket No.: 03797.00769